

Test report - PMFT 1000 - Breath resistance / Valve test

Operator	Date	Time	Vesion
Demet Kilicaslan-Yalcin	07.01.2022	09:39:27	1.11.1.0

Basic information

Operation parameter	
Script	Atemwiderstand
Aerosol	Pressurized air

Test conditions	
Temperature	20.75 °C
rel. humidity	3.66 %

Mask information

Mask ID	13868_20220107_093927
Mask lot	220107-F-L2-2-M2-A-IN
Mask type	DMASKE / Chargentest / FFP 2

Result

Description	Main air	Differential pressure	Upper limit	Result
Inhalation 1	29.99 l/min	43.70 Pa	70.00 Pa	✔ pass
Inhalation 2	94.66 l/min	111.30 Pa	240.00 Pa	✔ pass
Exhalation	159.93 l/min	182.44 Pa	300.00 Pa	✔ pass



Calibration valid until 03.09.2022

Test report - PMFT 1000 - Oil penetration

Operator	Date	Time	Vesion
Demet Kilicaslan-Yalcin	07.01.2022	09:45:20	1.11.1.0

Basic information

Operation parameter	
Script	Effizienz Test (Öl)
Aerosol	Oil
Main air	94.90 l/min
Generator air	2.69 l/min

Test conditions	
Temperature	20.78 °C
rel. humidity	3.03 %
Mass concentration	20.35 mg/m³

Mask information

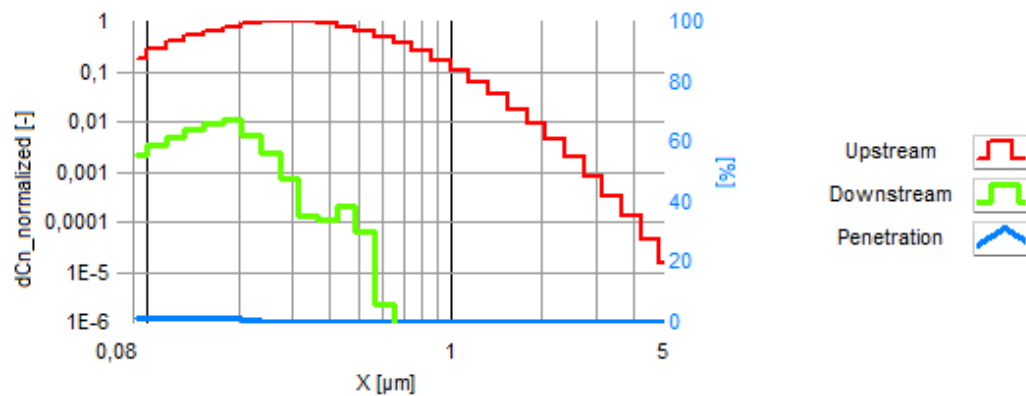
Mask ID	13868_20220107_094520
Mask lot	220107-F-L2-2-M2-A-IN
Mask type	DMASKE / Chargentest / FFP 2

Result

Calculation of the penetration is based on the following parameters: $X_g = 0.29 \mu\text{m}$, $\text{Sigma} = 1.85$

Penetration	Measurement	Upper limit	Result
P_SARS_CoV-2 (0.15 μm)	1.33 %	6.00 %	✓ pass
P_m	0.02 %		
P_Ph_45°	0.04 %	6.00 %	✓ pass

Distributions



Calibration valid until 03.09.2022